



# Tabulated: Jovian Trapped Heavy Ion Energy Spectra

At 5Rj

Energy (MeV/nuc)	OXYGEN		CARBON		SULFUR	
	Integral (cm <sup>2</sup> -s-sr) <sup>-1</sup>	Differential (cm <sup>2</sup> -s-sr (MeV/nuc)) <sup>-1</sup>	Integral (cm <sup>2</sup> -s-sr) <sup>-1</sup>	Differential (cm <sup>2</sup> -s-sr (MeV/nuc)) <sup>-1</sup>	Integral (cm <sup>2</sup> -s-sr) <sup>-1</sup>	Differential (cm <sup>2</sup> -s-sr (MeV/nuc)) <sup>-1</sup>
5	1.07E+02	7.16E+01	2.46E+01	2.23E+01	1.22E+01	1.49E+00
10	6.01E+00	2.91E+00	1.06E+00	4.82E-01	3.81E+00	1.33E+00
15	7.38E-01	2.69E-01	1.68E-01	5.12E-02	5.29E-01	2.20E-01
20	1.46E-01	4.22E-02	4.48E-02	1.04E-02	6.65E-02	2.70E-02
30	1.30E-02	2.63E-03	6.17E-03	1.10E-03	1.53E-03	5.26E-04
40	2.34E-03	3.36E-04	8.50E-04	2.25E-04	8.47E-05	1.81E-05
50	7.27E-04	6.55E-05	8.50E-04	5.09E-07	2.74E-05	1.01E-06
60	7.27E-04	1.05E-06	8.50E-04	5.40E-07	2.38E-05	8.28E-08

At 9Rj

Energy (MeV/nuc)	OXYGEN		CARBON		SULFUR	
	Integral (cm <sup>2</sup> -s-sr) <sup>-1</sup>	Differential (cm <sup>2</sup> -s-sr (MeV/nuc)) <sup>-1</sup>	Integral (cm <sup>2</sup> -s-sr) <sup>-1</sup>	Differential (cm <sup>2</sup> -s-sr (MeV/nuc)) <sup>-1</sup>	Integral (cm <sup>2</sup> -s-sr) <sup>-1</sup>	Differential (cm <sup>2</sup> -s-sr (MeV/nuc)) <sup>-1</sup>
5	8.78E+01	5.90E+01	4.08E+00	3.69E+00	2.24E+00	2.73E-01
10	4.95E+00	2.40E+00	1.76E-01	7.98E-02	6.98E-01	2.44E-01
15	6.08E-01	2.22E-01	2.85E-02	8.46E-03	9.69E-02	4.04E-02
20	1.20E-01	3.48E-02	8.12E-03	1.72E-03	1.22E-02	4.95E-03
30	1.09E-02	2.17E-03	1.73E-03	1.83E-04	3.00E-04	9.64E-05
40	2.05E-03	2.77E-04	8.50E-04	3.71E-05	3.48E-05	3.31E-06
50	7.27E-04	5.39E-05	8.50E-04	5.09E-07	2.43E-05	1.85E-07
60	7.27E-04	1.05E-06	8.50E-04	5.40E-07	2.36E-05	1.52E-08